

Section 1: Identification of the Substance and Supplier

Product name	Metricure Preparation containing 2-6% cephapirin benzathine
Recommended use	An intra-uterine injection for use in cattle to treat endometritis
Company details	MSD Animal Health, 33 Whakatiki Street, Upper Hutt Phone: 0800 800 543 Fax: 0800 808 100 Website: www.msd-animal-health.co.nz Hours: 8 am – 5 pm, Mon – Fri
Emergency telephone	0800 764 766 (0800 POISON) 24 hours human health 0800 243 622 (0800 CHEMCALL) 24 hours
Date of preparation	September 2011

Section 2: Hazards Identification

Hazard classifications	6.3B, 6.5B, 6.9B
Priority identifiers	WARNING
Secondary identifier	6.3B May cause mild skin irritation 6.5B May cause an allergic skin reaction 6.9B May cause organ damage from repeated oral exposure at high doses

Section 3: Composition/Information on Ingredients

Chemical name	CAS number	Concentration
Cephapirin benzathine	97468-37-6	33.7g/L

Section 4: First Aid Measures

Necessary first aid measures Penicillins and cephalosporins may cause hypersensitivity (allergy) following injection, inhalation, ingestion or skin contact. Do not handle this product if you know you are sensitised, or if you have been advised not to work with such preparations. Handle this product with great care to avoid exposure.

SKIN CONTACT In case of skin contact, while wearing protective gloves, carefully remove any contaminated clothing, including shoes, and wash skin thoroughly with soap and water. If irritation or symptoms occur or persist, consult a doctor.

EYE CONTACT In case of eye contact, immediately rinse eyes thoroughly with plenty of water. If wearing contact lenses, remove only after initial rinse, and continue rinsing eyes for at least 15 minutes. If irritation occurs or persists, consult a doctor.

INGESTION Rinse mouth and drink a glass of water. Do not induce vomiting unless under the direction of a qualified medical professional or National Poisons Centre. If symptoms persist, consult a doctor.

INHALATION Remove to fresh air and provide oxygen if necessary. If any trouble breathing, get immediate medical attention. Administer artificial respiration if breathing has ceased. If irritation or symptoms occur or persist, consult a doctor.

Required instructions For advice contact the National Poisons Centre 0800 POISON (0800 764 766) or a

doctor.

Notes for medical personnel

Cephalosporins may cause hypersensitivity reactions including anaphylaxis, skin rashes, fever, or skin rashes in susceptible individuals. Contact dermatitis developed in nurses exposed to a similar cephalosporin, and another cephalosporin may have caused a photosensitization reaction.

Ingestion of cephalosporins may produce gastrointestinal effects including nausea, vomiting, or diarrhoea. Other effects that may occur include headache, confusion, restlessness, agitation, ringing in the ears, muscle incoordination, double vision, decreased white blood cells, platelets, and red blood cell counts, or kidney effects.

Section 5: Fire Fighting Measures

Type of hazard	Not classified as flammable.
Fire hazard properties	Fire decomposition products from this product may be toxic if inhaled.
Regulatory requirements	Not applicable.
Extinguishing media and methods	Carbon dioxide (CO ₂), dry chemical, foam or water fog.
Hazchem code	None allocated.
Recommended protective clothing	Wear self-contained breathing apparatus (SCBA) plus protective gloves.

Section 6: Accidental Release Measures

Emergency procedures	Wear chemical resistant gloves and overalls, facemask or goggles. Prevent further spillage. Adsorb spilled product and place in sealable container for disposal. Wash down affected area with water plus detergent. Absorb and collect washings and place in the same sealable container for disposal. Seek advice from the local authority regarding disposal.
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Section 7: Handling and Storage

Precautions for safe handling	Avoid contact with skin, eyes, and mucosa. Keep containers adequately sealed during material transfer, transport, or when not in use. See Section 8 (Exposure Controls) for additional guidance.
Regulatory requirements	Emergency Plan required where quantities greater than 1000L are present.
Handling practices	Avoid contact with skin. Keep containers adequately sealed during material transfer, transport, or when not in use.
Approved handlers	Not required.
Conditions for safe storage	Store in original container in a cool, dry, ventilated place away from direct heat or direct sunlight. Keep container sealed when not in use. Keep out of reach of children.
Store site requirements	Store between below 25 °C.
Packaging	Schedule 4

Section 8: Exposure Control/Personal Protection

Workplace exposure standards	No WES is set for this substance at this time.
Application in the workplace	Ensure adequate ventilation. Keep container sealed when not in use.
Exposure standards outside the workplace	Not applicable
Personal protection	Wear chemical resistant gloves, facemask or goggles.

Section 9: Physical and Chemical Properties

Appearance	Cream coloured homogeneous suspension
Boiling Point	Not available
Melting/Softening point	No specific data. Liquid at normal temperatures
Vapour Pressure	Not determined
Specific Gravity	0.962
Solubility (H ₂ O)	Insoluble
Percent Volatiles	Not determined
Evaporation Rate	Not determined

Section 10: Stability and Reactivity

Stability of the substance	Stable under normal conditions.
Conditions to avoid	Extremes of temperature. Exposure to light.
Material to avoid	Avoid food products
Hazardous decomposition products	No dangerous decomposition is expected if used according to manufacturer's specifications.

Section 11: Toxicological Information

Acute effects for individual ingredients only

ORAL	LD ₅₀ s Male rat 14000 mg/kg
TEL	Not applicable.

Chronic/long term effects for individual ingredients only

Section 12: Environmental Information**Effects for individual ingredients only.**

EEL Not applicable.

Section 13: Disposal Considerations

Disposal information **Disposal**
Dispose of unused contents in a suitable landfill.

Container Disposal
Dispose of empty container by burying in a suitable landfill.

Reference Current version of NZS 8409 Management of Agrichemicals.

Section 14: Transport Information

Relevant information Not classified as a dangerous good for transport.

Section 15: Regulatory Information

Regulatory status HSNO Approval Code: HSR002350.
For a full listing of controls see www.epa.govt.nz

 ACVM registration number: A07394.
For conditions of registration see www.foodsafety.govt.nz

RESTRICTED VETERINARY MEDICINE

HSNO and ACVM controls **Emergency Plan: 1000 Litres**

Section 16: Other Information

Additional information Metricure is a registered trademark.

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